



FIG.1

BASIC SOLVENT EXTRACTION FLOW SHEET

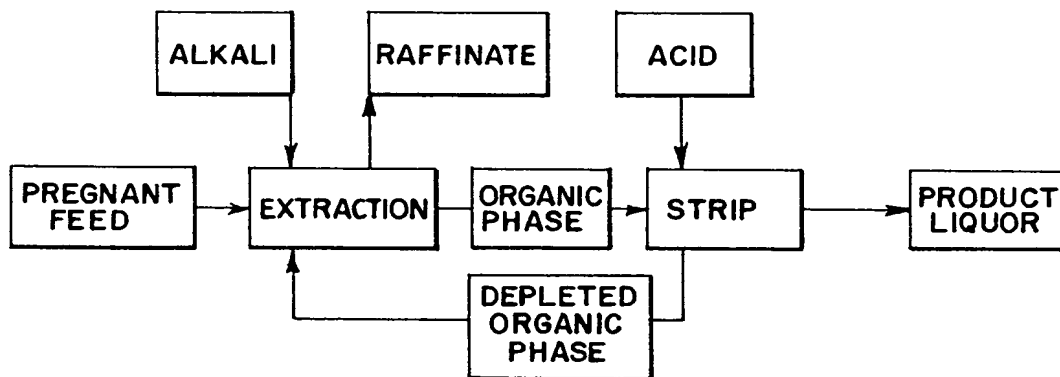


FIG.2

SOLVENT EXTRACTION FLOW SHEET WITH WASH/SCRUB SECTION

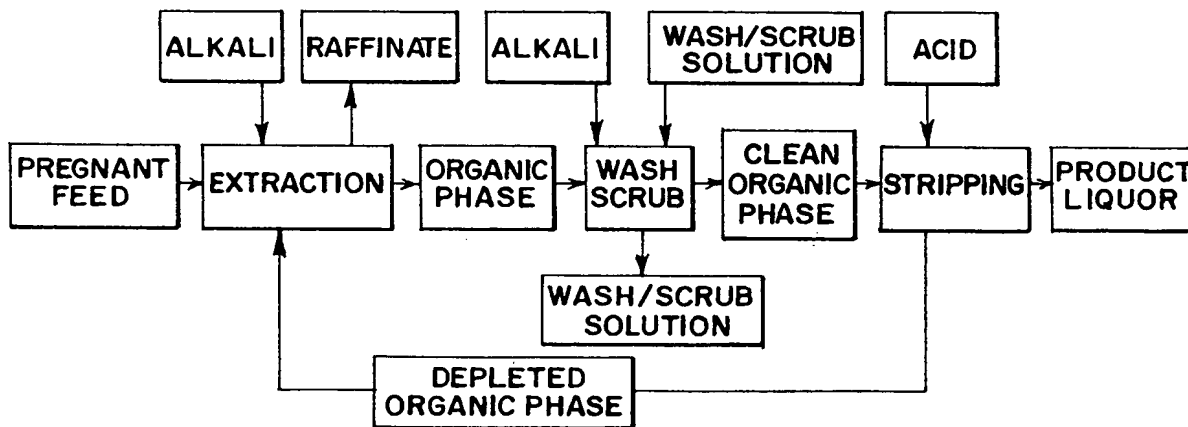


FIG.3 SOLVENT EXTRACTION FLOW SHEET WITH SECOND
STRIP STAGE (DIFFERENTIAL STRIPPING)

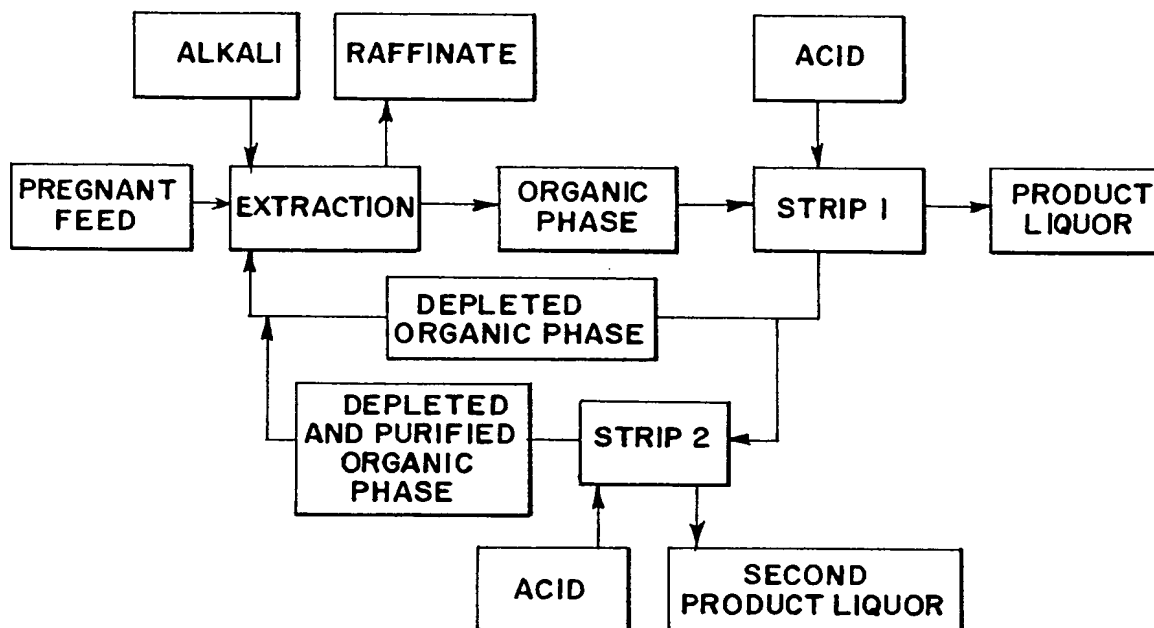
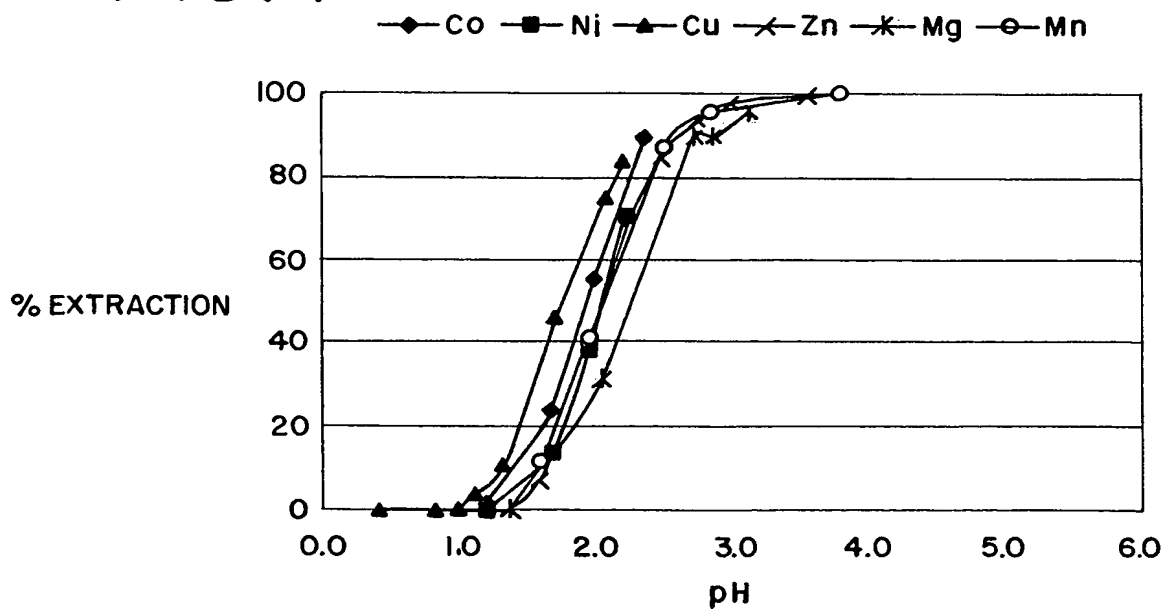


FIG.4 EXTRACTION OF INDIVIDUAL METAL IONS WITH DNNS



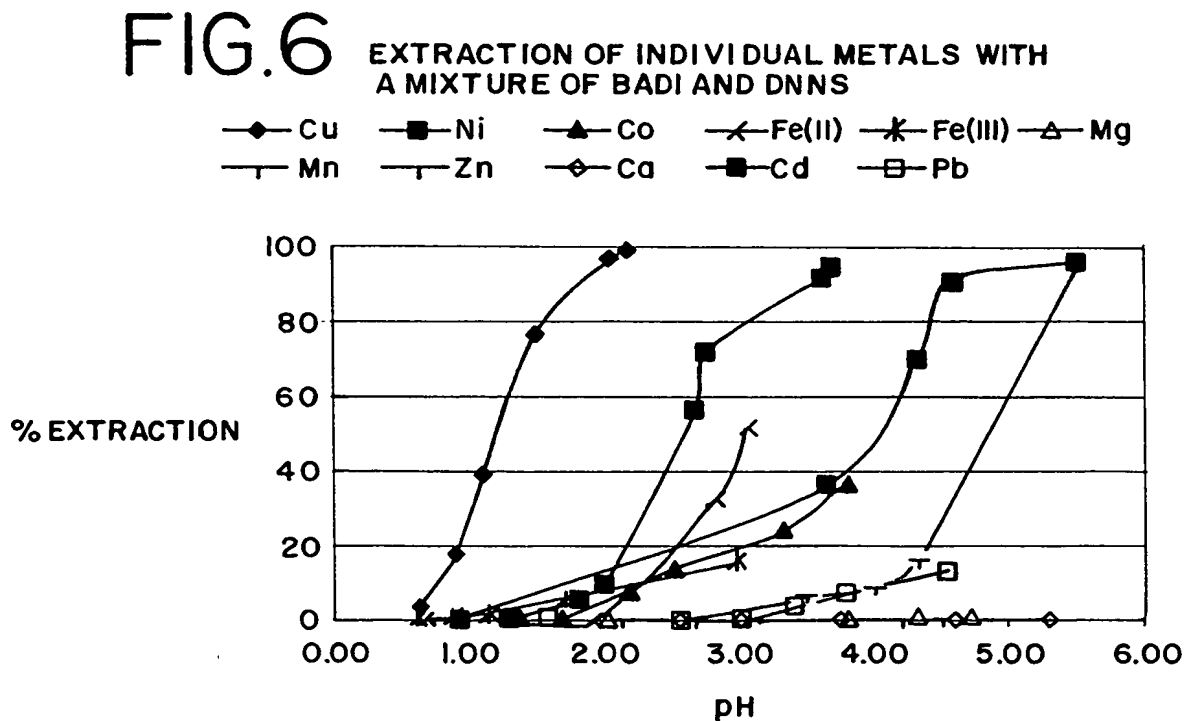
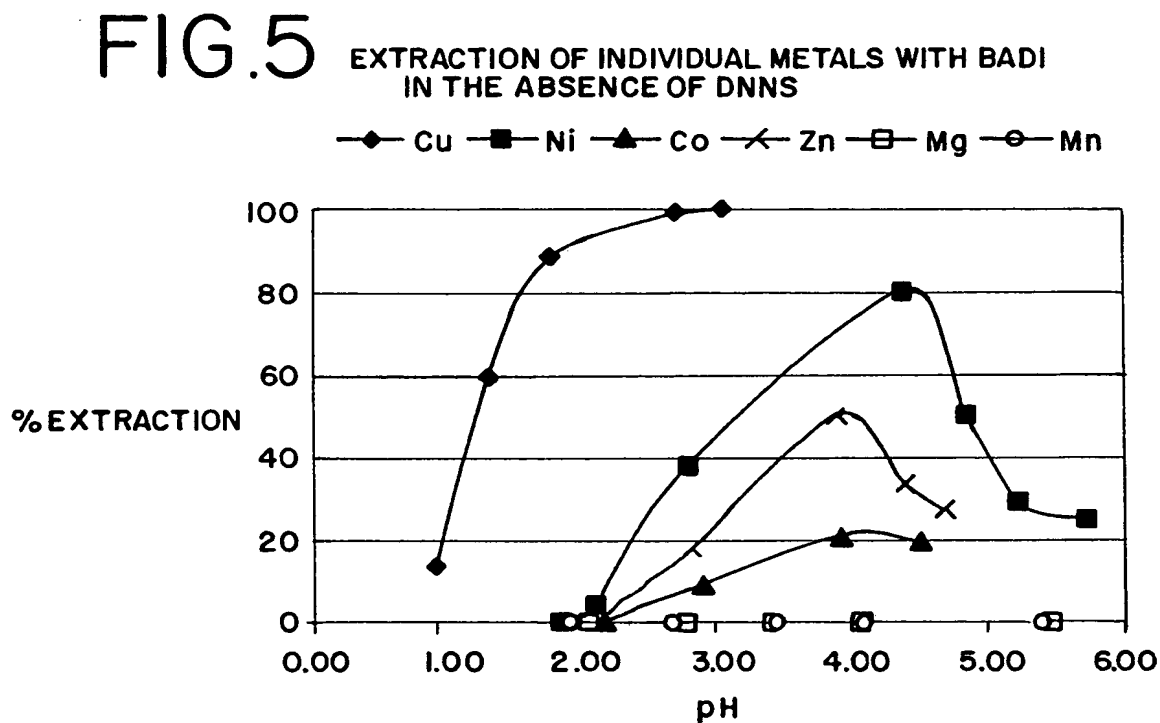


FIG. 7a

EXTRACTION OF METALS FROM A MIXED AQUEOUS
SOLUTION WITH BADI/DNNS
(0.57 MOLAR BADI/0.14 MOLAR DNNS)

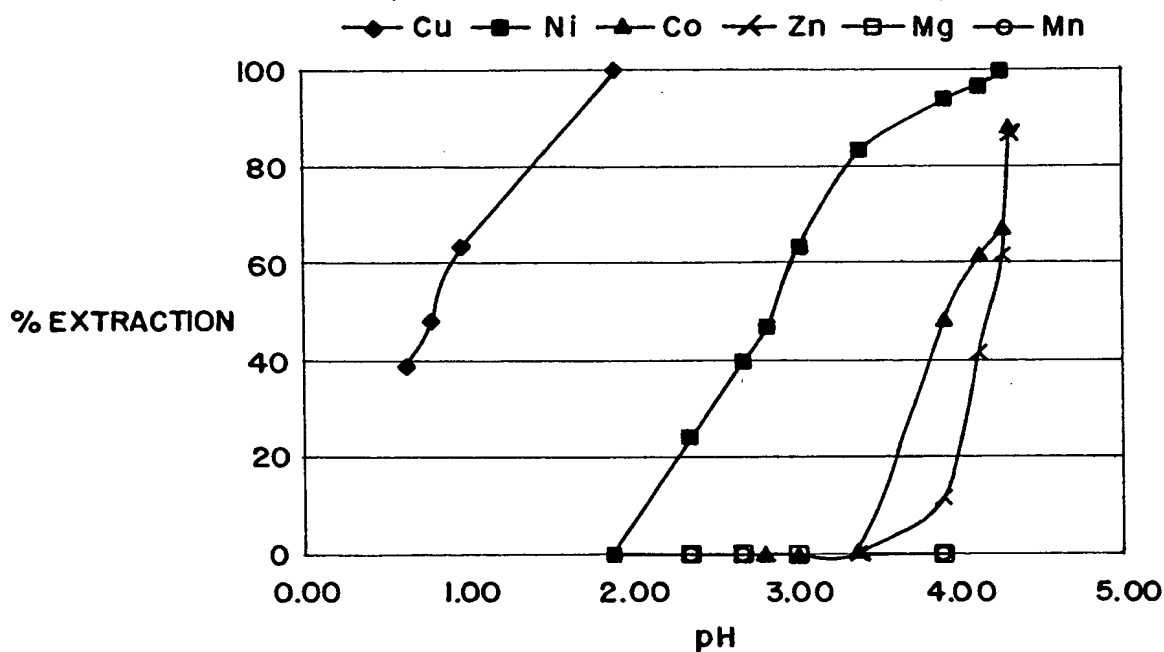


FIG. 7b

EXTRACTION OF METALS FROM A MIXED AQUEOUS
SOLUTION WITH BADI/DNNS
(1.14 MOLAR BADI/0.28 MOLAR DNNS)

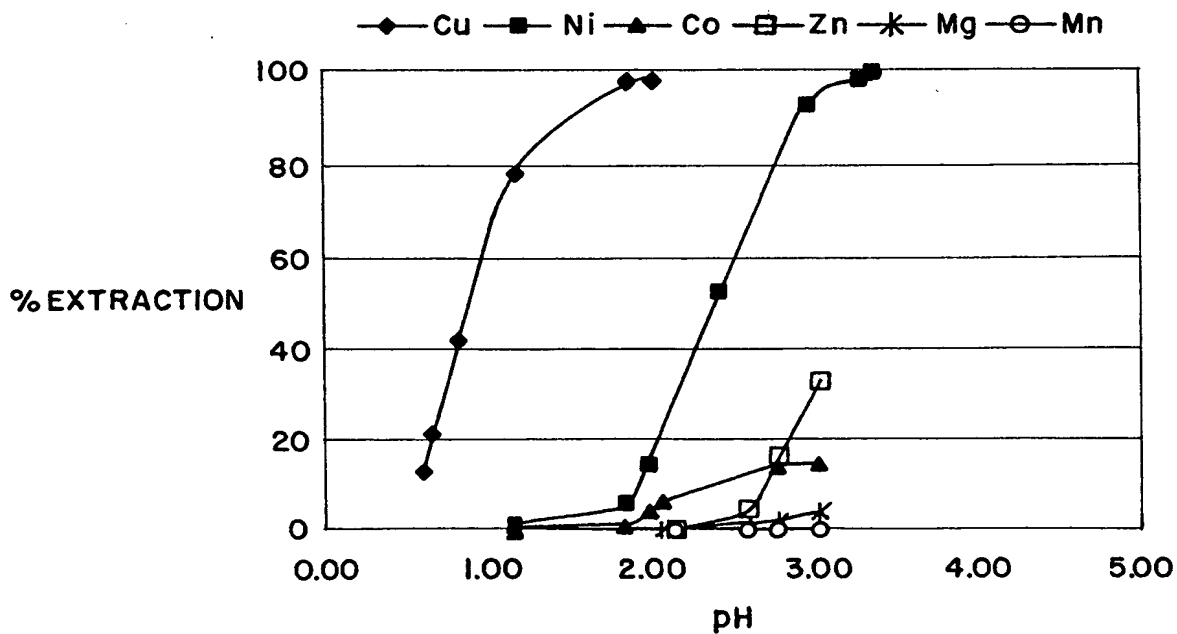


FIG.8

EXTRACTION OF NICKEL BY BADI; INFLUENCE OF
DNNS CONCENTRATION

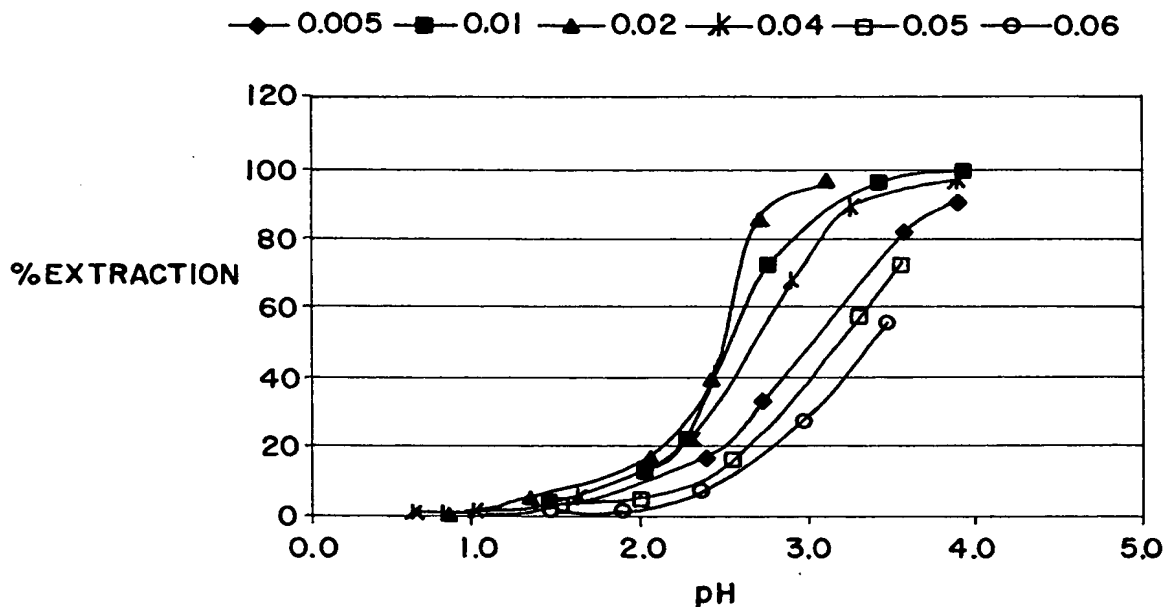


FIG.9

EFFECT OF AMINO OF R-ADI SUBSTITUENT ON
METAL EXTRACTION

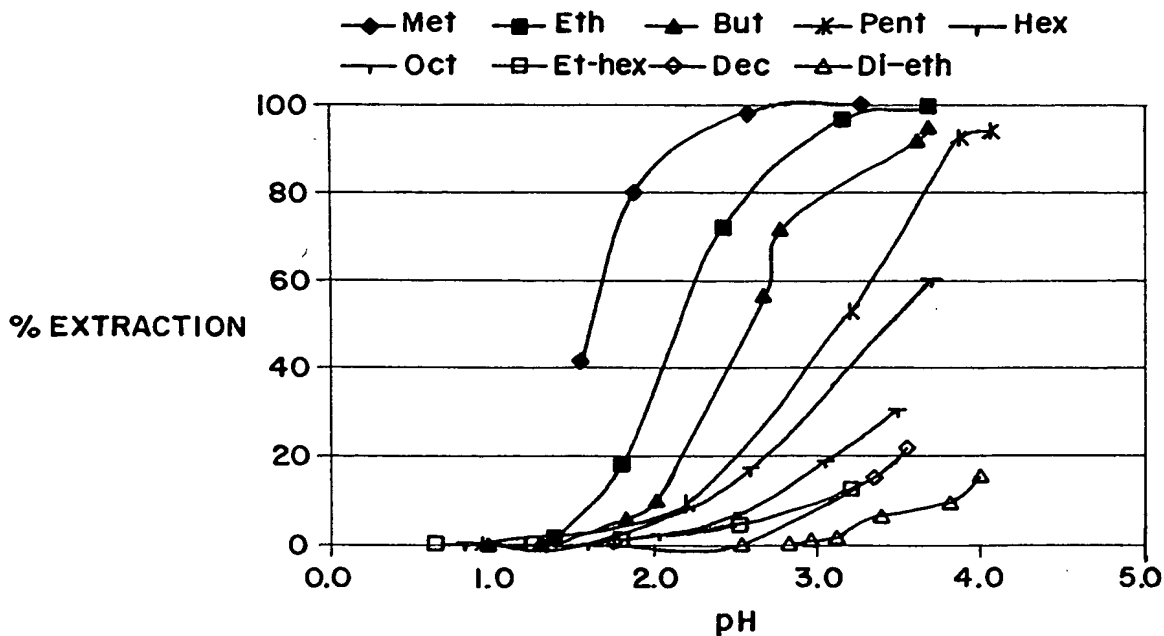


FIG.10

EXTRACTION OF METAL IONS WITH BADI/DNNS IN
THE PRESENCE OF 0.77 MOLAR CHLORIDE

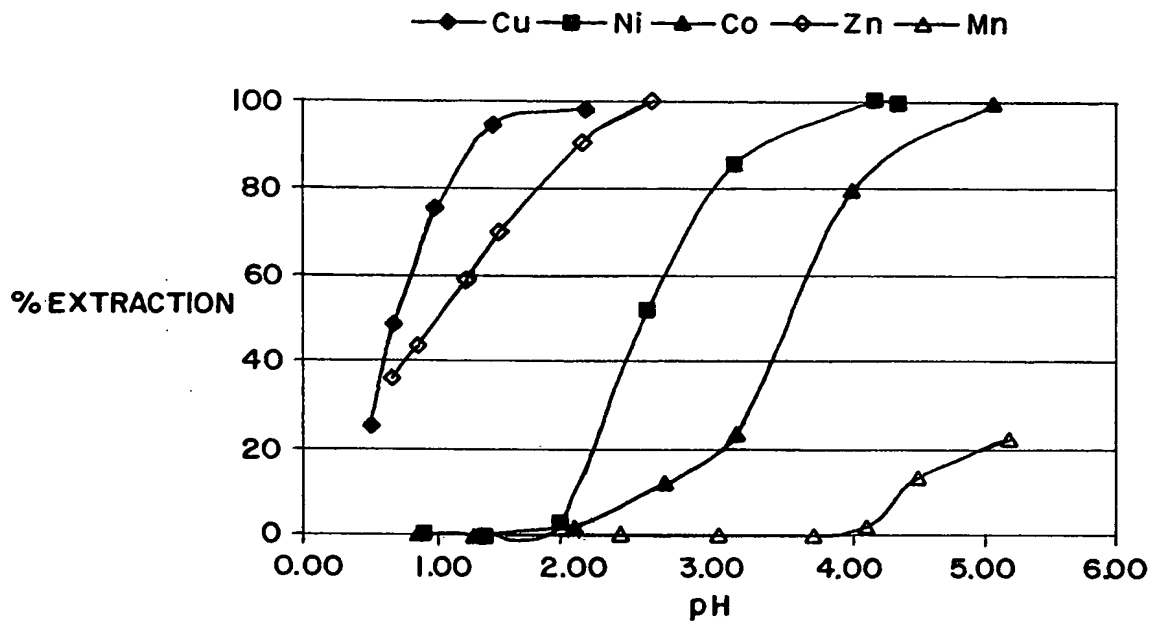


FIG.11

EXTRACTION OF INDIVIDUAL METALS WITH A
MIXTURE OF BMIA AND DNNS

